

LOCATION: BLM-15-305

HYDRAULIC CONDITIONS: Apparent Artesian

PERTINENT OBSERVATIONS: Water first observed in drilling discharge at 290'. Stopped drilling at 325', blew-out hole for 40 minutes and let recover for 40 minutes; water-level at 267.70' below ground surface in open borehole. Static water-level in open borehole is 262.45' after overnight recovery. Cuttings indicate alluvium from 0-256', white to pink clay (weathered tuff) from 256-290' acting as a confining layer, and less weathered/altered tuff with fracture flow from 290-325'. Water level in cased borehole after overnight recovery is 262.10' below ground surface. Initial development using the bailer indicates that this well produces water relatively slowly.